ABSTRACT OF THE DISCLOSURE

An image processing apparatus comprises:

a histogram calculation unit for calculating a histogram that is consonant with an input image;

5   a binary threshold value calculation unit for calculating a binary threshold value, based on the histogram, with which a predetermined area in the input image is blurred;

a binarizing unit for binarizing the input image

10   using the binary threshold value; and

a calculation unit for calculating the color of the predetermined area of the input image based on the results obtained by the binarizing unit.